

 National Spent Nuclear Fuel Program	Document Title:  <p style="text-align: center;"><b>NSNFP QARD Requirements Matrix</b></p>	Doc. No.: DOE/SNF/MTX-001 Revision: 11 Eff. Date: 10/22/2004 Page: 1 of 10 DAR No.: NSNF-588
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Approval: M. D. Gardner   
Manager, National Spent Nuclear Fuel Program

Date: 10/12/2004

DOE/RW-0333P Revisions 15 & 16 QARD Section	NSNFP Quality Program Implementing Document or Procedure	QARD Exceptions/Justifications or Comments
Section 1.0 Organization	DOE/SNF/QAPP-001, NSNFP Quality Assurance Program Plan NSNFP 1.03, Resolution of Quality Disputes NSNFP 2.08, Verification of Personnel Experience NSNFP 16.04, Stop Work	None.
Sections 1.3.1 & 1.3.2	Not applicable	Exception: The sections do not apply to NSNFP Justification: These QARD sections are specific to the OCRWM organization.
Section 2.0 Quality Assurance Program Section 2.2.1 QA Program Documents	DOE/SNF/QAPP-001 NSNFP Documents Manual Introduction and Glossary NSNFP 2.07, Preparing the NSNFP Quality Assurance Plan and QARD Requirements Matrix NSNFP 6.01, Review and Approval of NSNFP Internal Documents NSNFP 6.04, Review of External Documents	Comment: The NSNFP Policy Statement appears in DOE/SNF/QAPP-001.



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DOE/RW-0333P Revisions 15 & 16 QARD Section	NSNFP Quality Program Implementing Document or Procedure	QARD Exceptions/Justifications or Comments
Section 2.2.2 QA Program Applicability and Related Activities	NSNFP 2.05 Planning/Quality Assurance Program Applicability Evaluations	None.
Section 2.2.3 Classifying Structures, Systems, And Components	Not Applicable	Exception: Development of a Q-List does not apply to NSNFP  Justification: Because repository systems, structures, and components (SSCs) important to safety are determined by the license applicant, NSNFP does not generate a Q-list. NSNFP does not design or operate facilities or components of facilities. The suitability for use of information processed or provided by NSNFP is determined by the end user (the license applicant's designated designer).
Section 2.2.4 Applying QA Controls	NSNFP 2.05 Planning/Quality Assurance Program Applicability Evaluations	None.
Section 2.2.5 Planning Work	NSNFP 2.05 Planning/Quality Assurance Program Applicability Evaluations NSNFP 3.03, Engineering Analysis NSNFP 5.01, Preparing Draft Procedures NSNFP 5.05, Developing Forms NSNFP 11.01, Testing	None.
Section 2.2.6 Surveillances	DOE/SNF/QAPP-001 NSNFP 18.01, Planning and Scheduling Assessments NSNFP 18.03, Administration and Conduct of Surveillances	None.



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Section 2.2.7 Management Assessments	Not Applicable	Exception: QARD section 2.2.7 does not apply to NSNFP. Justification: Management Assessment as described by QARD section 2.2.7 is an activity performed by OCRWM.
Section 2.2.8 Readiness Reviews	Not applicable	Exception: QARD section 2.2.8 does not apply to NSNFP Justification: Readiness reviews are performed for facilities or field programs and are not applicable to the functions performed by the NSNFP.
Section 2.2.9 Peer Reviews	Not applicable	Exception: QARD Section 2.2.9 does not apply to NSNFP Justification: The performance of peer reviews is not an anticipated function of the NSNFP. If a peer review is required, a NSNFP procedure will be developed.
Section 2.2.10 Document Review	DOE/SNF/QAPP-001 NSNFP 5.01, Preparing Draft Procedures NSNFP 6.01, Review and Approval of Internal NSNFP Documents NSNFP 6.04, Review of External Documents NSNFP 18.01, Planning and Scheduling Assessments	None.



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DOE/RW-0333P Revisions 15 & 16 QARD Section	NSNFP Quality Program Implementing Document or Procedure	QARD Exceptions/Justifications or Comments
Section 2.2.11 QA Program Information Management	DOE/SNF/QAPP-001 NSNFP 16.03, Quality Assurance Trending NSNFP 18.02, Administration and Conduct of Audits NSNFP 18.03, Administration and Conduct of Surveillances	None.
Section 2.2.12 Personnel Qualification	DOE/SNF/QAPP-001 NSNFP 6.01, Review and Approval of NSNFP Internal Documents NSNFP 2.04, Personnel Indoctrination and Proficiency Training NSNFP 2.08, Verification of Personnel Experience	None.
Section 2.2.13 Qualification of Personnel Who Perform Inspection, Nondestructive Examination, Testing, and Auditing	NSNFP 2.04, Personnel Indoctrination and Proficiency Training NSNFP 2.08, Verification of Personnel Experience NSNFP 18.04, Qualification of Audit Personnel	Exception: Qualification requirements for Inspection, Nondestructive Examination, and Testing are not applicable to NSNFP.  Justification: The direct performance of Inspection, Nondestructive Examination, or Testing by NSNFP is not anticipated. Performance of these activities may be accomplished by NSNFP suppliers when required.



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DOE/RW-0333P Revisions 15 & 16 QARD Section	NSNFP Quality Program Implementing Document or Procedure	QARD Exceptions/Justifications or Comments
None	NSNFP 2.09, Self-Assessment	Comment: The self-assessment process is adopted by NSNFP as a best management practice. The practice does not implement the QARD and is not a substitute for QA audits (QARD 18.0), QA surveillances (QARD 2.6), or Management Assessments (QARD 2.2.7).
Section 3.0 Design Control	NSNFP 3.01, Design Control NSNFP 3.03, Engineering Analysis NSNFP 3.04, Engineering Documentation NSNFP 6.01, Review and Approval of NSNFP Internal Documents NSNFP 11.01, Testing NSNFP 19.02, Management of the Spent Fuel Database	Comment: The suitability for use of information processed or provided by NSNFP is determined by the end user (the license applicant's designated designer).
Section 4.0 Procurement Document Control	NSNFP 2.05, Planning/Quality Assurance Program Applicability Evaluations NSNFP 6.01, Review and Approval of NSNFP Internal Documents NSNFP 4.01, Procurement of Items and Services from the Private Sector NSNFP 4.02, Acquiring Government Sector Services	None.
Section 5.0 Implementing Documents	DOE/SNF/QAPP-001 NSNFP 5.01 Preparing Draft Procedures NSNFP 5.05, Developing Forms NSNFP 6.01, Review and Approval of NSNFP Internal Documents NSNFP 11.01, Testing	None.



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Section 6.0 Document Control	DOE/SNF/QAPP-001 NSNFP 5.01, Preparing Draft Procedures NSNFP 5.05, Developing Forms NSNFP 6.01, Review and Approval of Internal NSNFP Documents NSNFP 6.03, Managing Document Control and Distribution NSNFP 6.04, Review of External Documents NSNFP 11.01, Testing	None.



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DOE/RW-0333P Revisions 15 & 16 QARD Section	NSNFP Quality Program Implementing Document or Procedure	QARD Exceptions/Justifications or Comments
<b>Section 7.0</b>  <b>Control of Purchased Items and Services</b>	DOE/SNF/QAPP-001  NSNFP 2.05, Planning/Quality Assurance Program Applicability Evaluations NSNFP 4.01 Procurement of Items and Services from the Private Sector NSNFP 4.02, Acquiring Government Sector Services NSNFP NSNFP 6.01, Review and Approval of NSNFP Internal Documents NSNFP 7.02 Evaluation of Services from Government Sector Suppliers NSNFP 7.03 Acceptance of Products from Government Sector Suppliers NSNFP 16.02, Corrective Action NSNFP 18.01, Planning and Scheduling Assessments NSNFP 18.04, Qualification of Audit Personnel	None.
<b>Sections 8.0 through 10.0</b>	Not applicable	Exception: Theses QARD sections do not apply to activities directly performed by NSNFP.  Justification: The current mission and objectives of the NSNFP as delineated by DOE/SNF/PP-033 do not require direct performance by NSNFP of fieldwork subject to the requirements contained in Sections 8, 9, & 10 of the QARD.
<b>Section 11.0</b>  <b>Test Control</b>	NSNFP 11.01, Testing NSNFP 19.01, Software Control	None.



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DOE/RW-0333P Revisions 15 & 16 QARD Section	NSNFP Quality Program Implementing Document or Procedure	QARD Exceptions/Justifications or Comments
Sections 12.0 through 15.0	Not applicable	Exception: These QARD sections do not apply to activities directly performed by NSNFP.  Justification: The current mission and objectives of the NSNFP as delineated by DOE/SNF/PP-033 do not require direct performance by NSNFP of fieldwork subject to the requirements contained in Sections 12, 13, 14, & 15 of the QARD.
Section 16.0 Corrective Action	NSNFP 16.02, Corrective Action  NSNFP 16.03, Quality Assurance Trending  NSNFP 16.04, Stop Work  NSNFP 18.02, Administration and Conduct of Audits  NSNFP 18.03, Administration and Conduct of Surveillances	Comment:  The NSNFP Quality Assurance Staff conducts closeout verifications for internally issued deficiencies reports or corrective action requests
Section 17.0 Quality Assurance Records	NSNFP 2.04, Personnel Indoctrination and Proficiency Training NSNFP 4.02, Acquiring Government Sector Services NSNFP 5.01, Preparing Draft Procedures NSNFP 6.01, Review and Approval of NSNFP Internal Documents NSNFP 17.01, Records Management—Collecting QA Records NSNFP 17.03, Records Management—Facility Description and Practices	None.
Section 18.0 Audits	DOE/SNF/QAPP-001 NSNFP 7.02, Evaluation of Services from Government Sector Suppliers NSNFP 18.01, Planning and Scheduling Assessments NSNFP 18.02, Administration and Conduct of Audits NSNFP 18.03, Administration and Conduct of Surveillances NSNFP 18.04, Qualification of Audit Personnel	None.





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<b>Supplement I Software</b>	NSNFP 3.03, Engineering Analysis NSNFP 3.04, Engineering Documentation NSNFP 4.01, Procure of Items and Services From the Private Sector NSNFP 4.02, Acquiring Government Sector Services NSNFP 6.01, Review and Approval of NSNFP Internal Documents NSNFP 19.01, Software Control NSNFP 19.02, Management of the Spent Fuel Database	None.
<b>Supplement II Sample Control</b>	Not applicable	Exception: Sample control is not applicable to the activities of NSNFP.  Justification: Activities performed directly by NSNFP personnel do not require control of samples.
<b>Supplement III Scientific Investigation</b>	NSNFP 2.05, Planning/Quality Assurance Program Applicability Evaluations NSNFP 3.03, Engineering Analysis NSNFP 3.04, Engineering Documentation NSNFP 11.01, Testing	Comment: NSNFP 11.01, Testing and NSNFP 3.03, Engineering Analysis addresses Supplement III Criteria, as applicable to the NSNFP mission and objectives established by DOE/SNF/PP-033.



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Supplement IV Field Surveying	Not applicable	Exception: Field surveying is not applicable to the activities of NSNFP.  Justification: Activities performed directly by NSNFP personnel to meet the mission and objectives of the NSNFP do not require control of field surveying.
Supplement V  Control of the Electronic Management of Data	DOE/SNF/QAPP-001  NSNFP 3.03, Engineering Analysis  NSNFP 17.01, Records Management –Collecting QA Records  NSNFP 17.03, Records Management – Facility Description and Practices  NSNFP 19.02, Management of the Spent Fuel Database  NSNFP 19.03, Control of the Electronic Management of Information	None.
Appendix A  High-Level Waste Form Production	Not applicable	Exception: Appendix A is not applicable to NSNFP activities.  Justification: The NSNFP mission and objectives established by DOE/SNF/PP-033 do not extend to HLW Form Production.
Appendix B Storage and Transportation	Not applicable	Exception: Appendix B is not applicable to NSNFP activities.  Justification: The NSNFP mission and objectives established by DOE/SNF/PP-033 do not extend to the communication or translation of repository criteria for storage and transportation systems.
Appendix C  Monitored Geologic Repository	Not applicable	Exception: Appendix C does not apply to the NSNFP.  Justification: Appendix C applies to unique work conducted by others and is not within the NSNFP mission and objectives established by DOE/SNF/PP-033.